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Watsonville, CA 95076

PATENT APPLICATION

ATTORNEY DOCKET NO. HSJ920030230US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Toshiaki HIRANO et al.

Confirmation No.: 4582

Application No.: 10/664,296

Examiner: Kapadia, Varsha A.

Filing Date: 09/17/2003

Group Art Unit: 2627

Title: DISK DRIVE WITH HEAD-DISK INTERACTION SENSOR INTEGRATED WITH SUSPENSION

Mail Stop Amendment  
Commissioner For Patents  
PO Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

This Information Disclosure Statement is submitted:

- ☐ under 37 CFR 1.97 (b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first action on the merits; whichever occurs last)
- ☒ under 37 CFR 1.97 (c), together with either a:  
☒ Statement under 37 CFR 1.97 (e), or  
☐ a \$180 fee under 37 CFR 1.17 (p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d), together with either a:  
☐ Statement under 37 CFR 1.97 (e)(1) or (2), and  
☐ a \$180 fee set forth in 37 CFR 1.17 (p)  
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **50-2587** the sum of \$ 0.00. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account **50-2587** pursuant to 37 CFR 1.25.

Applicant(s) submit herewith form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

- ☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an english language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed.

It is requested that the information disclosed herein be made of record in this application.

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Signature: 

Respectfully submitted,

Toshiaki HIRANO et al.

By 

John P. Wagner, Jr.

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Reg No. : 35,398

Date : 4/9/2007

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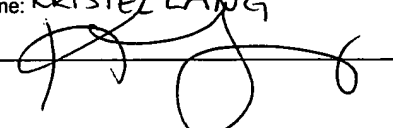
STATEMENT UNDER 37 CFR 1.97 (e)

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- ☐ No item of information contained in the Information Disclosure Statement
- was cited in a communication from a foreign patent office in a counterpart foreign application, and
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Typed Name: KRISTE LANG  
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Respectfully submitted,

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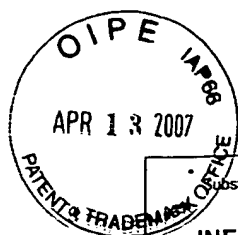
John P. Wagner, Jr.

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|--|---|----|---|-------------------------------------|--------------------|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br><i>(Use as many sheets as necessary)</i> |   |    |   | <i>Complete If Known</i>            |                    |
|  |   |    |   | Application Number                  | 10/664,296         |
|  |   |    |   | Filing Date                         | September 17, 2003 |
|  |   |    |   | First Named Inventor                | HIRANO, Toshiki    |
|  |   |    |   | Art Unit                            | 2627               |
|  |   |    |   | Examiner Name                       | Kapadia, Varsha    |
| Sheet  | 1 | of | 1 | Attorney Docket No: HSJ920030230US1 |                    |

| US PATENT DOCUMENTS |         |                     |                  |   |                            |
|---------------------|---------|---------------------|------------------|---|----------------------------|
| Examiner Initial *  | Cite No | USP Document Number | Publication Date | Name of Patentee or Applicant of cited Document | Filing Date If Appropriate |
|                     |         | US-4532802          | 08/06/1985       | Yeack-Scranton et al.                           | 05/31/1984                 |
|                     |         | US-5929326          | 07/27/1999       | Imaino et al.                                   | 05/22/1997                 |

| FOREIGN PATENT DOCUMENTS |         |                     |                  |   |                |
|--------------------------|---------|---------------------|------------------|---|----------------|
| Examiner Initials*       | Cite No | Foreign Document No | Publication Date | Name of Patentee or Applicant of cited Document | T <sup>2</sup> |

| OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS |                      |   |  |  | T <sup>2</sup> |
|--|----------------------|---|--|--|----------------|
| Examiner Initials*                                 | Cite No <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |  |  |                |

EXAMINER

DATE CONSIDERED